

Query/Command : HIS

File : PLUSPAT


SS Results

1	1	(1) ..FAM US2004232914/PN
2	1	..CITF US2004232914/PN
3	1	..CITB US2004232914/PN

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Query/Command : PRT MAX SET

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PN -  US2004232914 A1 20041125 [US20040232914]
TI - (A1) Two-dimensional magnetic resonance tomographic microscopy
PA - (A1) CALIFORNIA INST OF TECHN (US)
PA0 - California Institute of Technology, [US]
IN - (A1) BARBIC MLADEN (US) *Instant application*
AP - US84976404 20040520 [2004US-0849764]
FD - Provisional: US 60471803 - 20030520 [2003US-P471803]
PR - US84976404 20040520 [2004US-0849764]
US47180303P 20030520 [2003US-P471803]
IC - (A1) G01V-003/00
EC - G01R-033/56F
PCL - ORIGINAL (O) : 324300000
DT - Basic
STG - (A1) Utility Patent Application published on or after January 2, 2001
AB - A method, apparatus, and article of manufacture provide the ability to conduct magnetic resonance tomographic microscopy. A two-dimensional non-crystalline sample is placed under the influence of a static polarizing first magnetic field. A radio-frequency field is then introduced perpendicular to the first magnetic field. To conduct the tomography, two or more magnetically resonant spins of the sample are simultaneously obtained by sequentially angularly rotating, around a prescribed axis, the sample with respect to a ferromagnetic sphere having a second magnetic field. The obtained spins are then used to reconstruct an image of the sample using computerized tomography.
UP - 2004-48

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